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DECLASSIFICATION REVIEW by NIMA/DOD 4/12/00

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TCS No. 8860/64
IB No. 390/64
27 October 1964
Copy No. 1

MEMORANDUM FOR: Chief, Resources Division, ORR
ATTENTION : [REDACTED] R/FU 25X1A
THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS
FROM : Chief, CIA/PID (NPIC)
SUBJECT : Orsk Petroleum Refinery
REFERENCE : (1) ORR Requirement No. C-RR4-81,288
(2) CIA/PID Project No. C 673/64

1. This memorandum is forwarded in answer to the above mentioned requirement which requested an analysis and a comparative study of the petroleum refinery located near Orsk, USSR.

2. Information concerning this refinery as requested is as follows:

a. Location

The refinery is located approximately three nautical miles NW of the city of Orsk, USSR, at geographic coordinates 51° 15'N - 58° 32'E.

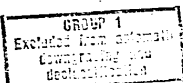
b. Areal Extent

The refinery is irregular in shape with the maximum dimension (east-west) approximately 6300' in length. The site covers approximately 480 acres. All measurements have been made by the CIA/PID/IB analyst assigned to this project. They should be considered approximate and must not be taken as official NPIC mensuration data compiled by the Technical Intelligence Division, NPIC.

c. Construction Status

From the overall appearance of the refinery, and judging from chronological photography over the period [REDACTED] it appears the refinery is complete. There is adequate room for expansion should the Soviets decide to enlarge the facility.

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SUBJECT: Orsk Petroleum Refinery

d. Level of Activity

The refinery and associated activity, such as the thermal power plant, west of the refinery, appeared to show evidence of some level of operation on photography used in this study.

e. Photography Used

All available photography covering this plant area was utilized in this study. From this material, one overflight and three satellite missions were selected for inclusion in this report on the basis of having good quality photography. [REDACTED]

[REDACTED] The attached graphics have been arranged in a chronologic order.

3. The overlay to Figure 3 is a line drawing which shows the limits of the refinery and has sections of the facility outlined and numbered. These numbers correspond to the key below:

1. Administration area
2. Packing and shipping area
3. Unidentified facility
4. Water treating area
5. Clay treating area
6. Storage area
7. Asphalt area
8. Cracking units
9. Clay treating plant
10. Downdraft cooling towers
11. Lubricating oil area
12. Cracking unit
13. Warehousing area
14. Tank farm
15. Solvent and distillation unit
16. Gas plant
17. Distillation units
18. Warehousing type buildings
19. Flare tower
20. De-salting section
21. Railcar loading and unloading area
22. Tank farm
23. Possible gas and alkylation area
24. Flare tower
25. Tank farm
26. Alkylation plant
27. Solvent unit
28. Lubrication oil area
29. Storage area
30. Tank Farm

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4. There were no significant changes in the refinery over the period [REDACTED]. A comparison of photo coverage over this period shows that no major structures or equipment were added or dismantled during this time.

5. The analyst assigned to this requirement was [REDACTED] who may be contacted on extension 2705 should any question arise concerning this memorandum. The project is considered complete.

25X1A

25X1A



ENCLOSURES:

- 4 Photos (CIA/PID/IB-P-1400/64 thru P-1403/64)
- 2 Maps (CIA/PID/IB-P-1404/64 and P-1405/64)
- 1 Overlay (CIA/PID/IB-P-1400/64)

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25X5

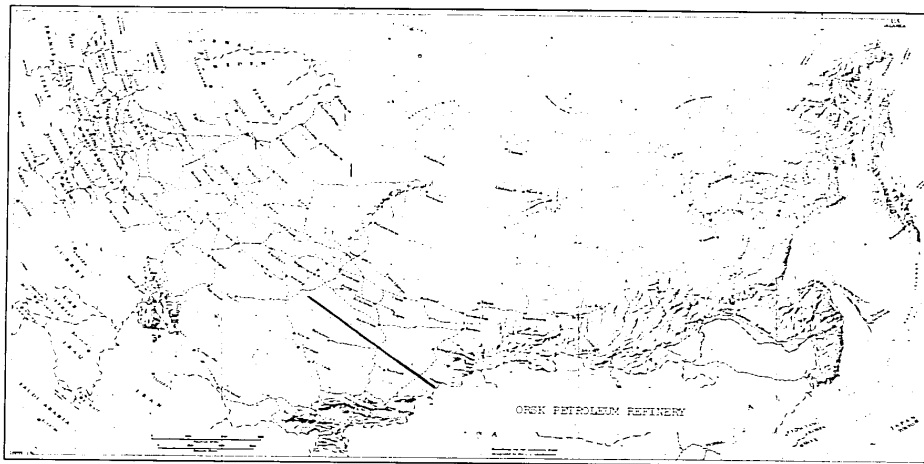
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TOP SECRET-CHESSE-RUFF

FIGURE 1

TCS No. 686c/64
IP No. 350/64



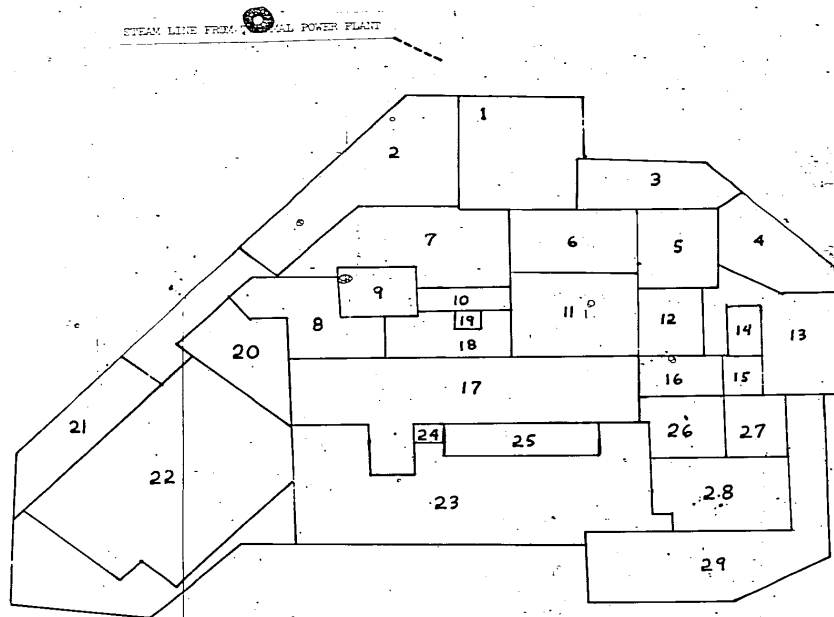
CIA/FID/IE-P-1404/64

TOP SECRET-CHESSE-RUFF

S-14513

TOP SECRET-CHESS-RUFF

TOS No. 6800/64
IP No. 390/64



OVERLAY 1

TOP SECRET-CHESS-RUFF

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CIA/PID/IB-P-1400/64



PETROLEUM REFINERY
OPR. UICR
10TH DEC 1976
25X1D
CHARIDIB-
P-100000

FIGURE 3

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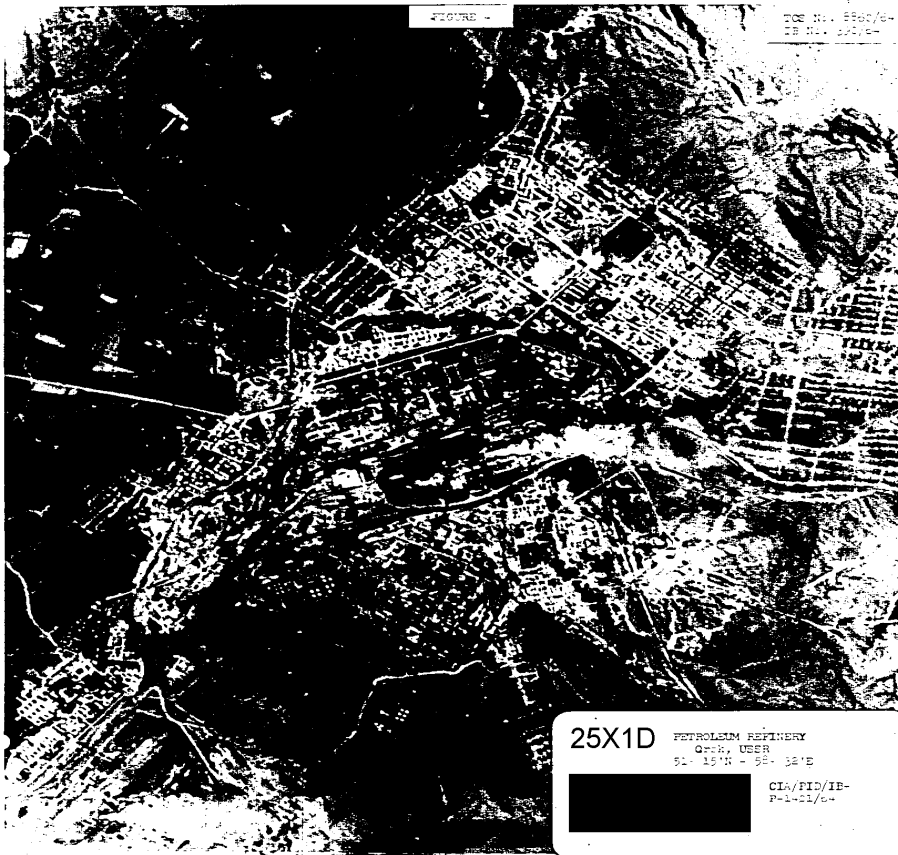
25X1D

PETROLEUM REFINERY
OIL, USER
50- 32'E

CIA/PID, 12-
P-1-CC/0-

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TOP SECRET-CHESS-RUFF



TOP SECRET-CHESS-RUFF

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TOP SECRET-CHES-RUFF

FIGURE 9

TOP SECRET-CHES-RUFF



25X1D PETROLEUM REFINERY
CITY, USSR
150 1000 100 1000

CIA FILE 15-
F-1000 10

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TOP SECRET-CHES-RUFF



TOP SECRET-CHES-RUFF

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